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PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Oscar J. Llorin et al.

SERIAL NO.: 09/128,340

GROUP: 1651

FILING DATE: August 3, 1998

EXAMINER: D. Ware

FOR: CELL DISRUPTION METHOD USING SONICATION

AMENDMENT PURSUANT
TO 37 C.F.R. §1.111

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER OF PATENTS AND TRADEMARKS, WASHINGTON, D.C. 20231	
ON:	<u>October 13, 1999</u> (DATE OF DEPOSIT)
BY:	<u>Mary Lou Kittren</u> (NAME)
<u>Mary Lou Kittren</u> (SIGNATURE)	<u>10-13-99</u> (DATE)

In response to the Office Action mailed on August 30, 1999 (Paper No. 9), please amend the present application as follows and consider the remarks below.

IN THE CLAIMS

Please amend the claims as follows.

✓ --1(twice amended). A method for disrupting cells comprising:

providing a sonic bath comprising a first liquid;

placing into said first liquid a vessel comprising cells in a second liquid at an alkaline pH;

and

subjecting said cells to-ultrasonic energy from said sonic bath of sufficient power and duration to cause disruption of said cells in the absence of beads.--